

Sediment Basin

PRACTICE INTRODUCTION

USDA, Natural Resources Conservation Service - practice code 350



DEFINITION

A Sediment Basin is a constructed basin designed to collect and store waterborne debris or sediment.

PRACTICE INFORMATION

This practice is used where physical conditions, ownership, management, or economics preclude treatment of a sediment source by use of conservation practices. Sediment basins are often installed on construction, or mining sites to protect the natural resources until vegetation or structures are installed to control the source of sediment.

The purposes of a sediment basin are to:

- Preserve the capacity of reservoirs, ditches, canals, diversion, waterways, and streams.
- Prevent excessive deposition on bottom lands
- Trap sediment originating from construction sites
- Reduce or abate damage to the natural resources from pollution or deposition of sediment

Additional information including design criteria and specifications are in the local NRCS Field Office Technical Guide.